

Table 7.2 – Net Generation at Electricity-Only Plants

(Billion Kilowatthours)

	<u>1980</u>	<u>1990</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2010</u>	<u>2020</u>	<u>2025</u>
Coal ¹	1,162	1,560	1,911	1,852	1,881	1,916	2,169	2,440	2,836
Petroleum ²	246	118	98	113	83	106	112	124	128
Natural Gas ³	346	265	399	427	457	406	634	1,038	1,048
Other Gases ⁴	N/A	0	0	0	0	0	N/A	N/A	N/A
Total Fossil Energy	1,754	1,942	2,408	2,392	2,422	2,428	2,915	3,602	4,012
Nuclear	251	577	754	769	780	764	813	830	830
Hydroelectric Pumped Storage ⁵	N/A	-4	-6	-9	-9	-9	-9	-9	-9
Conventional Hydroelectric ⁶	276	290	271	214	260	269	300	301	301
Geothermal	5.1	15	14	14	14	13	12	23	33
Wood ⁷	0.3	6	7	7	7	7	28	32	37
Waste ⁸	0	10	18	17	17	17	26	26	26
Solar Thermal and Photovoltaic	N/A	0	0	1	1	1	1	2	2
Wind	N/A	3	6	7	10	11	26	32	35
Total Renewable Energy	282	324	316	259	311	318	393	416	434
Other ⁹	N/A	0	0	0	1	0	N/A	N/A	N/A
Total Electricity Generation	2,286	2,840	3,473	3,411	3,505	3,501	4,112	4,839	5,267

Sources: EIA, *Annual Energy Review 2003*, DOE/EIA-0384(2003) (Washington, D.C., September 2004), Table 8.2c, and EIA, *Annual Energy Outlook 2005*, DOE/EIA-0383(2005) (Washington, D.C., February 2005), Tables A8 and A16.

Notes:

Data are for electricity-only plants in the electric power sector whose primary business is to sell electricity to the public. Through 1988, data are for generation at electric utilities only. Beginning in 1989, data also include generation at independent power producers.

¹ Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

² Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, and waste oil.

³ Natural gas, including a small amount of supplemental gaseous fuels. Forecast data include electricity generation from fuel cells.

⁴ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels, including refinery and still gas.

⁵ Pumped storage facility production minus energy used for pumping. Data for 1980 included in conventional hydroelectric power.

⁶ Hydroelectric data through 1988 are for generation at electric utilities and industrial plants only; beginning in 1989, data also include generation at independent power producers and commercial plants.

⁷ Wood, black liquor, and other wood waste.

⁸ Municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass.

⁹ Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.